## COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

U.S. Department of Commerce Patent and Trademark Office Attorney Docket 044508-5003

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## ENGINEERED RADIATION RESISTANT BIOREMEDIATING BACTERIA

was filed as PCT International Application No. PCT/US00/26504 on September 27, 2000.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, 1.56.

I hereby authorize and request the attorneys empowered in this Declaration and Power of Attorney to insert above the serial number of the application identified above when known.

I hereby claim foreign priority benefits under Title 35, United States Code, 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

| Prior Foreign Applications |  |             |                       |  |  |
|----------------------------|--|-------------|-----------------------|--|--|
| Country                    | Application Number   | Filing Date | Priority Claimed      |  |  |
|                            |  |             | ☐ Yes ☐ No            |  |  |
|                            |  |             |                       |  |  |
| I hereby claim the benefit | ts under Title 35, United States Code 1190 U.S. Provisional Appl |             | cations listed below. |  |  |
|                            |  |             |                       |  |  |

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) or 365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Combined Declaration For Patent Application and Power of Attorney - (Continued) (includes Reference to PCT International Applications)

Attorney Docket 044508-5003

| U.S. A <sub>I</sub>  | pplications               |           | Status  |           |
|----------------------|---------------------------|-----------|---------|-----------|
| U.S. Application No. | U.S. Filing Date          | Patented  | Pending | Abandoneo |
| PCT Applications     | Designating the U.S.      |           | Status  | <u> </u>  |
| PCT Application No.  | International Filing Date | Published | Pending | Abandoneo |

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

Customer Number: 009629

Direct Telephone Calls To: (name and telephone number)

Michael Tuscan, Ph.D. 202-739-5870

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| Full Name of First Inventor  | Michael J. Daly                       |                 |
|------------------------------|---------------------------------------|-----------------|
| Street Address               | USU HS, PAT, 4301 JONES BRIDGE Rd.    | CITIZENSHIP USA |
| City, State & Zip Code       | 1 Betnesda, MD 20814-4799             |                 |
| First Inventor's Signature   | J Del                                 | DATE //8/02     |
| Full Name of Second Inventor | Lawrence P. Wackett                   |                 |
| Street Address               | 1479 Gortner Avenue, Room 140         | CITIZENSHIP USA |
| City, State & Zip Code       | St. Paul, MN 55108                    |                 |
| Second Inventor's Signature  |                                       | DATE            |
| Listing of                   | Inventors Continued on attached pages |                 |

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|                            |   |             | ☐ Yes ☐ No             |  |  |
|                            |   |             |                        |  |  |
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Combined Declaration For Patent Application and Power of Attorney - (Continued) (includes Reference to PCT International Applications)

Attorney Docket 044508-5003

| Prior U.S            | 6. Applications or PCT Applications | Designating the U | .S. for Benefit: |           |
|----------------------|-------------------------------------|-------------------|------------------|-----------|
| U.S. Applications    |                                     | Status            |                  |           |
| U.S. Application No. | U.S. Filing Date                    | Patented          | Pending          | Abandoned |
|                      |                                     |                   | ·                |           |
| PCT Applications     | Designating the U.S.                |                   | Status           |           |
| PCT Application No.  | International Filing Date           | Published         | Pending          | Abandoned |
|                      |                                     |                   |                  |           |

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Michael Tuscan, Ph.D. 202-739-5870

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| Full Name of First Inventor  | Michael J. Daly                            |                 |
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| First Inventor's Signature   |  | DATE            |
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| Street Address               | 1479 Gortner Avenue                        | CITIZENSHIP USA |
| City, State & Zip Code       | St. Paul, MN 55108                         |                 |
| Second Inventor's Signature  | ı '  | DATE            |
| ٠                            | Jaure P. World                             | July 29, 2002   |
| Listing                      | g of Inventors Continued on attached pages | lo .            |